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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/740,322	12/18/2000	Robert Fuller	00P9077US	4568

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Siemens Corporation
Intellectual Property Department
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EXAMINER
LAM, THANH

ART UNIT	PAPER NUMBER
2834	

DATE MAILED: 10/22/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.	Applicant(s)
09/740,322	Fuller
Examiner	**Art Unit**
Thanh Lam	2834

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *Jul 22, 2002* .

2a) ☒ This action is **FINAL.** 2b) ☐ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-9 and 30-38* is/are pending in the application.

4a) Of the above, claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-9 and 30-38* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claims _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are a) ☐ accepted or b) ☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.

If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) ☐ All b) ☐ Some* c) ☐ None of:

1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

*See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____
4) ☐ Interview Summary (PTO-413) Paper No(s). _____
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other:

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless --
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-9 and 30-38 are rejected under 35 U.S.C. 102(b) as being anticipated by Wood (PN. 2,112,747)

Wood disclose a power generation system comprising: a stator core frame support member (23,30-32) having a lower inner surface portion and a lower outer surface portion, the lower outer surface portion positioned to contact a support surface; a generator stator core (16) including a plurality of longitudinally extending keybars (20) positioned spaced-apart and extending along outer peripheral portions of the generator stator core, the generator stator core positioned to overlie the lower inner surface portion of the stator core frame support member (25 at 47) and further having a lower end portion positioned spaced-apart from and not in contact with bottom portions of the lower inner surface portion of the frame support member; and a core supporter (23) connected to the stator core frame support member and positioned to contact the plurality of keybars along outer side peripheries of the generator stator core, the core supporter having first and second core connecting means (17) for connecting the stator core frame support

member to the generator stator core to thereby relieve vibration and prevent lateral movement of the generator stator core, and further stabilize the power generation system during operation, the first core connecting means being connected to a first medial side (33 at right of fig. 7) outer peripheral portion of the generator stator core and the second core connecting means being connected to a second medial side (33 at left of fig. 7) outer peripheral portion of the generator stator core and positioned opposite the first medial side outer peripheral portion of the generator stator core so that the first and second core connecting means are positioned substantially symmetric about opposite medial side portions of the generator stator core.

Regarding claim 2, Wood discloses the generator stator core has a substantially annular shape, the stator core frame support member has a substantially semi-annular shape, and the plurality of keybars further comprises less than eight keybars.

Regarding claim 3, Wood discloses the plurality of keybars comprise at least two keybars positioned spaced-apart along a first outer peripheral side portion of the generator stator core, and further comprising at least another two keybars positioned spaced-apart along a second side outer peripheral side portion of the generator stator core, the second outer peripheral side portion of the generator stator core positioned opposite from and symmetric to the first outer peripheral side portion of the generator-stator core.

Regarding claim 4, Wood discloses the core supporter is further positioned to contact less than all of the keybars positioned along the outer side peripheries of the generator stator core.

Regarding claim 5,Wood discloses the first core connecting means is positioned to extend substantially parallel to the second core connecting means substantially the entire length of the generator stator core, and wherein each of the first and second core connecting means further comprises at least one biasing support member positioned to connect the stator core frame support member with the generator stator core.

Regarding claim 6,Wood discloses the at least one biasing support member further comprises an elongate spring bar and a plurality of bracket spring assemblies connected to and positioned spaced-apart along the elongate spring bar, each of the plurality of bracket spring assemblies comprising a spring mounting frame and a plurality of spaced-apart key block brackets connected to the spring mounting frame.

Regarding claim 7,Wood discloses the plurality of key block brackets further comprise first and second key block brackets, and wherein the first key block bracket further comprises a first key block and the second key block bracket further comprises a second key block, the first and second key blocks positioned to matingly contact the first and second key block brackets, and wherein the first key block bracket is positioned to connect to a first end portion of the spring mounting frame and the second key block bracket is positioned along a second end portion of the spring mounting frame, opposite the first end portion of the spring mounting frame.

Regarding claim 8,Wood discloses one of the plurality of key blocks is connected to one of the plurality of keybars positioned along the outer peripheral portions of the generator stator core, each one of the plurality of key blocks positioned to connect the stator core frame support

member to the generator stator core to thereby stabilize the power generation system, relieve vibration and prevent lateral movement during operation of the generator stator core.

Regarding claim 9, Wood discloses the at least one biasing support member further comprises a plurality of elongate spring bars, the plurality of spring bars positioned substantially parallel along the at least one biasing support member, the plurality of spring bars further comprising a plurality of bracket spring assemblies connected thereto and positioned spaced-apart along the plurality of spring bars, each of the bracket spring assemblies comprising a spring mounting frame and a plurality of spaced-apart key block brackets connected to the spring mounting frame.

Regarding claim 30, Wood discloses a power generation system comprising: a stator core frame support member (23,30-32) having a lower inner surface portion and a lower outer surface portion in contact with a support surface; a generator stator core (16) comprising a plurality of longitudinally extending keybars (20) spaced-apart along outer peripheral portions of the generator stator core, and a lower portion spaced-apart from and not in contact with the lower inner surface portion of said frame support member; and first and second core connectors (17) connected to said stator core frame support member to contact adjacent keybars along respective first and second opposing side peripheries of said generator stator core.

Regarding claim 31, Wood discloses the generator stator core has a substantially annular shape, the lower inner surface portion of the stator core frame support member has a substantially semi-annular shape, and the plurality of keybars further comprise less than eight keybars.

Regarding claim 32, Wood discloses the plurality of keybars comprises at least two spaced-apart keybars along the first peripheral side portion of the generator stator core and at least another two spacedapart keybars along the second peripheral side portion of the generator stator core.

Regarding claim 33, Wood discloses the first and second core connectors contact less than all of the keybars along the respective first and second side peripheries of the generator stator core.

Regarding claim 34, Wood discloses the first core connector extends substantially parallel to the second core connector substantially the entire length of the generator stator core, and wherein each of the first and second core connectors further comprises at least one biasing support member with the generator stator core.

Regarding claim 35, Wood discloses the at least one biasing support member further comprises an elongate spring bar and a plurality of spacedapart bracket spring assemblies connected thereto, each of said plurality of bracket spring assemblies comprising a spring mounting frame and a plurality of spaced-apart key block brackets connected thereto.

Regarding claim 36, Wood discloses the plurality of key block brackets further comprise first and second key block brackets, and wherein the first key block bracket comprises a first key block and the second key block bracket comprises a second key block, and wherein the first key block bracket is connected to a first end portion of the spring mounting frame and the second key

block bracket is connected to a second end portion of the spring mounting frame, opposite the first end portion of the spring mounting frame.

Regarding claim 37, Wood discloses one of the plurality of key blocks is connected to one of the plurality of keybars along the peripheral portions of the generator stator core, each one of the plurality of key blocks connecting to the generator stator core.

Regarding claim 38, Wood discloses the at least one biasing support member further comprises a plurality of substantially parallel elongate spring bars each having a plurality of bracket spring assemblies connected thereto, each of the plurality of bracket spring assemblies comprising a spring mounting frame and a plurality of spaced-apart key block brackets connected to the spring mounting frame.

Response to Arguments

3. Applicant's arguments with respect to claims 1-9 and new added claims 30-38 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL.** See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thanh Lam whose telephone number is (703) 308-7626. The fax phone number for this Group is (703) 305-3432.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0656.

Thanh Lam

Patent Examiner

Oct. 19, 2002